

**State of Illinois
Department of Transportation
Bureau of Materials and Physical Research**

POLICY MEMORANDUM

November 1, 2001

Springfield

2001-16

TO: DISTRICT ENGINEERS AND HIGHWAY BUREAU CHIEFS

SUBJECT: CRUSHED SLAG PRODUCER CERTIFICATION AND
SELF-TESTING PROGRAM

1.0 INTRODUCTION

The Bureau of Materials and Physical Research has recognized a potential pollution problem in the use of crushed slag in subbase/base course, porous/non-porous granular embankment, backfill, and french drains. Some crushed slags may exhibit the tendency to leach out a greenish-yellow effluent producing an objectionable odor. In order to prevent such an occurrence, this memorandum establishes a certification and self-testing program for crushed slag producers.

2.0 STANDARD SPECIFICATION REFERENCE

2.1 Referenced Articles

- 1003.01
- 1003.04
- 1004.01
- 1004.04
- 1004.05
- 1004.06

3.0 CONSTRUCTION USES COVERED

Crushed slag (air-cooled blast furnace) used for the following construction/maintenance uses shall conform to this policy memorandum. The construction/maintenance uses covered are as follows:

1. Subbase (1004.04)
2. Base Course (1004.04)
3. Porous/Non-porous Granular Embankment (1003.04, 1004.06)
4. Porous/Non-porous Backfill (1003.04, 1004.06)
5. French Drains (1003.04, 1004.06)

4.0 PRODUCER SAMPLING AND TESTING PROGRAM

All crushed slag producers supplying material for the uses noted in Section 3.0 of this policy memorandum shall initiate a sampling and testing program as detailed in the current Illinois Department of Transportation Specification 202, "Testing and Acceptance Procedure of Crushed Slag Samples for Leachate Determination" as detailed in the Department's "Manual of Test Procedures for Materials."

5.0 PRODUCER CERTIFICATION LETTER

All crushed slag producers supplying material for the uses noted in Section III of this policy memorandum shall submit a certification letter each year to the Illinois Department of Transportation, Bureau of Materials and Physical Research, 126 East Ash Street, Springfield, Illinois 62704-4766. This letter shall certify that the producer will ship only material that has been tested and accepted under Section IV of this policy memorandum.

A handwritten signature in black ink, appearing to read "Eric E. Harm".

Eric E. Harm, P.E.
Engineer of Materials
and Physical Research

This policy memorandum supersedes Policy Memorandum 98-4 dated January 1, 1998.

/dg